

## OPINION 1466

*Terebratula triangulus* Valenciennes, 1819, *T. catulloi* Pictet, 1867 and *T. janitor* Pictet, 1867 (Brachiopoda, Articulata): specific names conserved

### Ruling

(1) Under the plenary powers the following specific names are hereby suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy:

- (a) *pileus* Bruguière, 1792, as published in the binomen *Terebratula pileus*;
- (b) *antinomia* Catullo, 1827, as published in the binomen *Terebratula antinomia*;
- (c) *duvallii* Newman, 1844, as published in the binomen *Terebratula duvallii*;
- (d) *triquetrus* Parkinson, 1811, as published in the binomen *Terebratulites triquetrus*.

(2) Under the plenary powers the specific name *cor* Bruguière, 1792, as published in the binomen *Terebratula cor*, is hereby suppressed for the purposes of both the Principle of Priority and the Principle of Homonymy.

(3) The following specific names are hereby placed on the Official List of Specific Names in Zoology:

- (a) *triangulus* Valenciennes, 1819, as published in the binomen *Terebratula triangulus*;
- (b) *catulloi* Pictet, 1867, as published in the binomen *Terebratula catulloi*;
- (c) *janitor* Pictet, 1867, as published in the binomen *Terebratula janitor*.

(4) The following specific names are hereby placed on the Official Index of Rejected and Invalid Specific Names in Zoology, as suppressed in (1) above:

- (a) *pileus* Bruguière, 1792, as published in the binomen *Terebratula pileus*;
- (b) *antinomia* Catullo, 1827, as published in the binomen *Terebratula antinomia*;
- (c) *duvallii* Newman, 1844, as published in the binomen *Terebratula duvallii*;
- (d) *triquetrus* Parkinson, 1811, as published in the binomen *Terebratulites triquetrus*.

(5) The name *cor* Bruguière, 1792, as published in the binomen *Terebratula cor*, and as suppressed in (2) above, is hereby placed on the Official Index of Rejected and Invalid Specific Names in Zoology.

(6) The name *dilatata* Catullo, 1851, as published in the binomen *Antinomia dilatata*, is hereby placed on the Official Index of Rejected and Invalid Specific Names in Zoology, having been replaced by Pictet (1867) when a junior secondary homonym of *Terebratula dilatata* Lamarck, 1819.

### History of Case 2300

An application for the conservation of four brachiopod specific names was received from Dr F. A. Middlemiss (*Queen Mary College, University of London*) on 17 April 1979. An amended application was published in BZN 41: 267–273 (November 1984), and notice of it was sent to ten journals.

In August 1987 the Executive Secretary and Dr Middlemiss agreed that proposals (a) (iii) and (b) on BZN 41: 270–271 might be simplified by suppression of the names *triquetrus*, *antinomia* and *duvallii*, instead of giving their apparent junior synonyms precedence whenever the synonymy was accepted.

### Decision of the Commission

On 1 September 1987 the members of the Commission were invited to choose between three proposals:

**Proposal A.** (1) (a) The suppression, except for the purposes of the Principle of Homonymy, of the specific names *pileus* Bruguière, 1792; *antinomia* Catullo, 1827; *duvallii* Newman, 1844; and *triquetrus* Parkinson, 1811;

(b) the suppression for the purposes of both the Principle of Priority and of Homonymy of the specific name *cor* Bruguière, 1792;

(2) the placing of the specific name *dilatata* Catullo, 1851 (cf. paragraph 9 on BZN 41: 269) on the Official Index, as a junior secondary homonym replaced before 1961;

(3) the suppression, except for the purposes of the Principle of Homonymy, of the specific name *deltoidea* Valenciennes, 1819.

[These actions conserve the four names suggested by Dr Middlemiss: *triangulus*, *catulloi*, *janitor*, and also *diphya* von Buch, 1834].

**Proposal B.** Proposals A(1) and (2) as above, but instead of (3) the placing of *deltoidea* Valenciennes, 1819 (a senior subjective synonym of *diphya* von Buch, 1834) on the Official List.

**Proposal C.** The holding of a vote on the original proposals (BZN 41: 270–271).

At the close of the voting period on 1 December 1987 the votes were as follows:

For proposal A–11: Bayer, Cocks, Corliss, Heppell, Kabata, Kraus, Melville, Schuster, Trjapitzin, Uéno, Willink

For proposal B–3: Alvarado, Gruchy, Lehtinen

For proposal C–5: Cogger, Hahn, Holthuis, Mroczkowski, Thompson.

Ride was on leave of absence. No votes were returned by Bernardi, Halvorsen, Savage and Starobogatov.

Dupuis commented that names should be voted upon individually. Holthuis considered that, after appropriate lectotype selections, the oldest names should be used in each case. Cogger, Hahn and Thompson favoured the 'relative precedence' procedure because subjective synonymies were involved.

The combined 14 votes for proposals A and B authorize the present ruling of the Commission. However, the ruling leaves unsettled the positions of the names *Terebratula deltoidea* Valenciennes, 1819 and *T. diphya* von Buch, 1834 (cf. BZN 41: 268), and the Commission will further consider these.

### Original references

The following are the original references to the names placed on an Official List and an Official Index by the ruling given in the present Opinion:

*antinomia*, *Terebratula*, Catullo, 1827, *Saggio di Zoologia Fossile*, Padua, p. 169, pl. 5, figs. p, r, s, t, *catulloi*, *Terebratula*, Pictet, 1867, *Mélanges Paléontologiques*, vol. 1(3), p. 202.

*cor*, *Terebratula*, Bruguière, 1792, *Choix des mémoires... formant les collections du Journal d'Histoire naturelle*, vol. 1, p. 425.

*dilatata*, *Antinomia*, Catullo, 1851, *Quarterly Journal of the Geological Society of London*, p. 75, fig. 4.

*duvallii*, *Terebratula*, Newman, 1844, *Zoologist*, 2: 279.

*janitor*, *Terebratula*, Pictet, 1867, *Mélanges Paléontologiques*, vol. 1(3), p. 161.

*pileus*, *Terebratula*, Bruguière, 1792, *Choix des mémoires... formant les collections du Journal d'Histoire naturelle*, vol. 1, p. 424.

*triangulus*, *Terebratula*, Valenciennes, 1819, In Lamarck, *Histoire naturelle des Animaux sans Vertèbres*, vol. 6, p. 250.

*triquetrus*, *Terebratulites*, Parkinson, 1811, *Organic Remains of a Former World*, vol. 3, p. 229, pl. 16.